FIG. 1 PRIOR ART

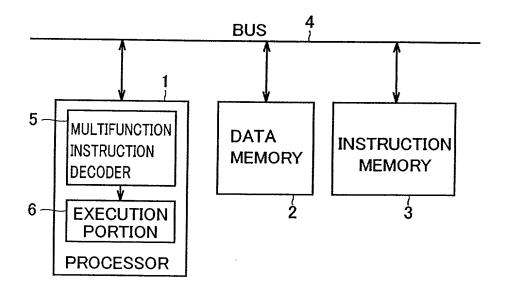
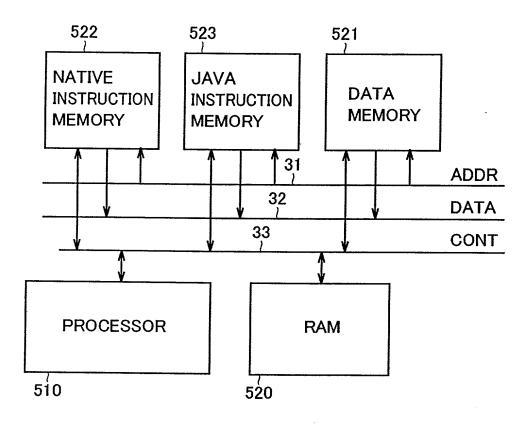


FIG. 2



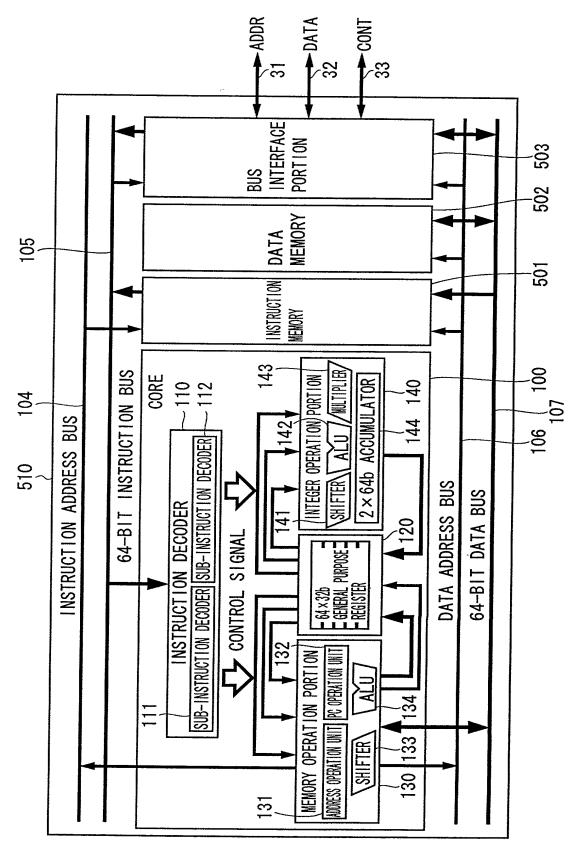


FIG. 3

FIG. 4

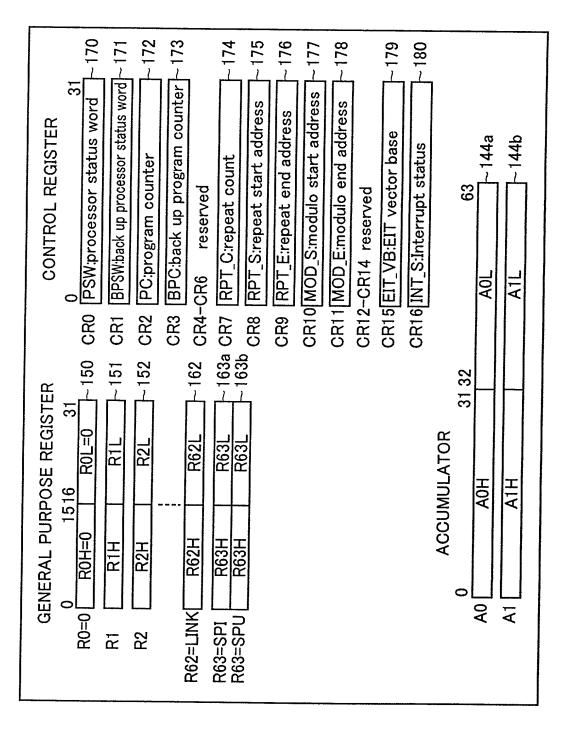


FIG. 5

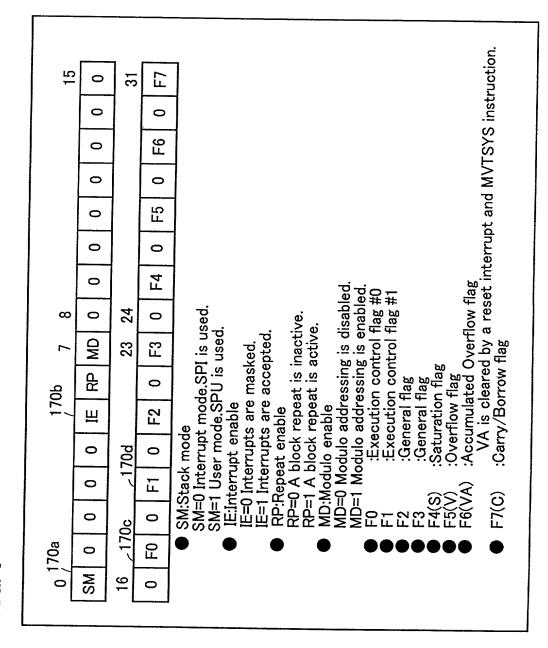


FIG. 6

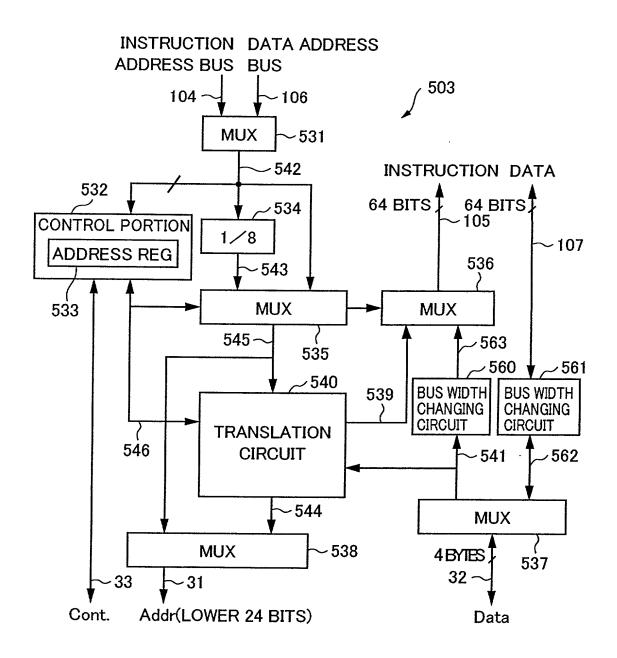
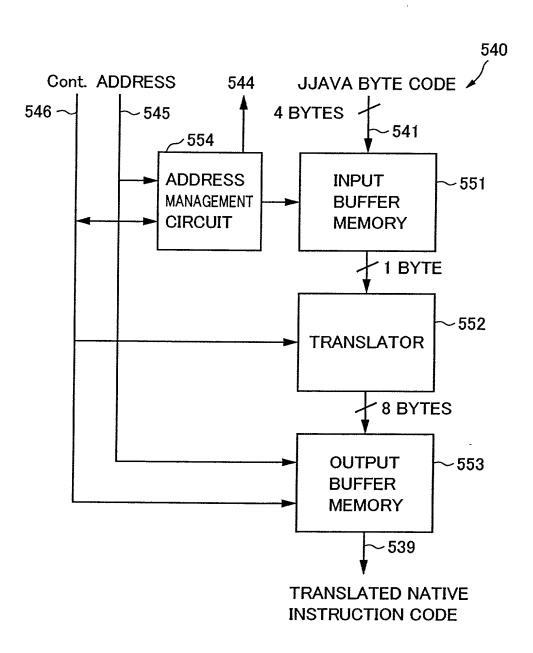
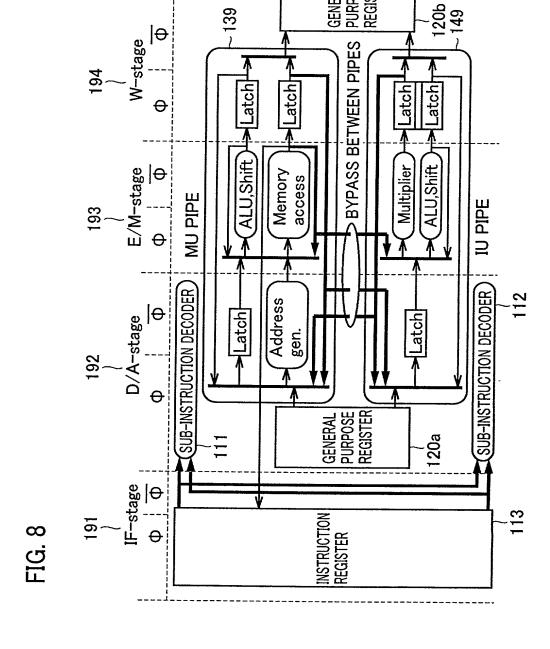


FIG. 7





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GENERAL PURPOSE REGISTER

E G

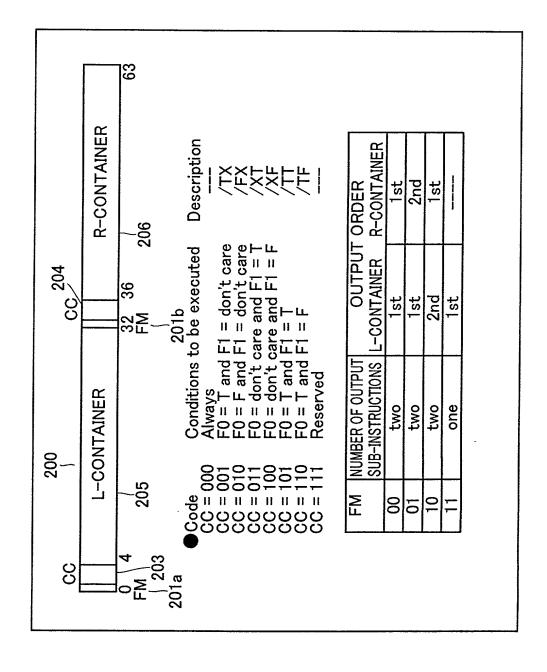


FIG. 10

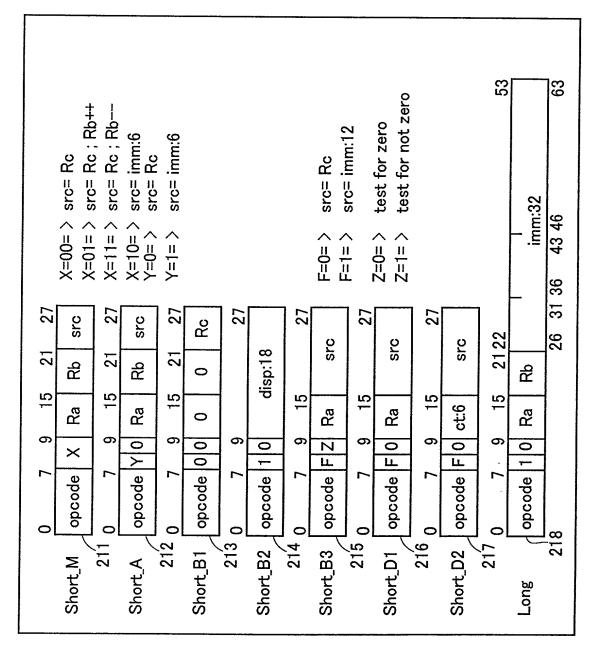


FIG. 11

OP 221 OPERATION IF D E W	IF :Instruction Fetch D :Decode
LD/ST (E :Execute W :Write Back
OPERATION IF D/A M W 223	IF : Instruction Fetch D/A:Decode & Address M :Memory W :Write Back
OPERATION IF D/A E W	IF :Instruction Fetch D/A:Decode & Address E :Execute

FIG. 12

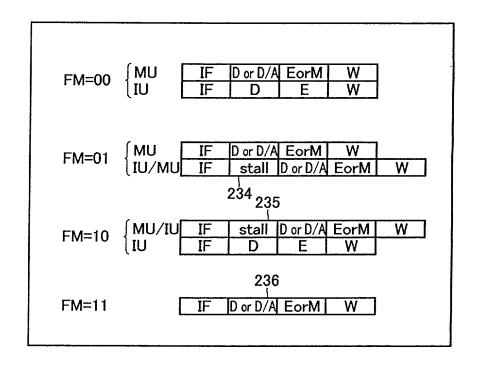


FIG. 13

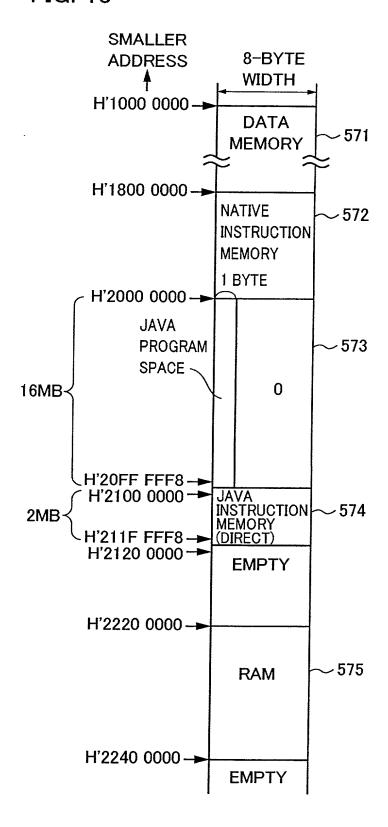


FIG. 14

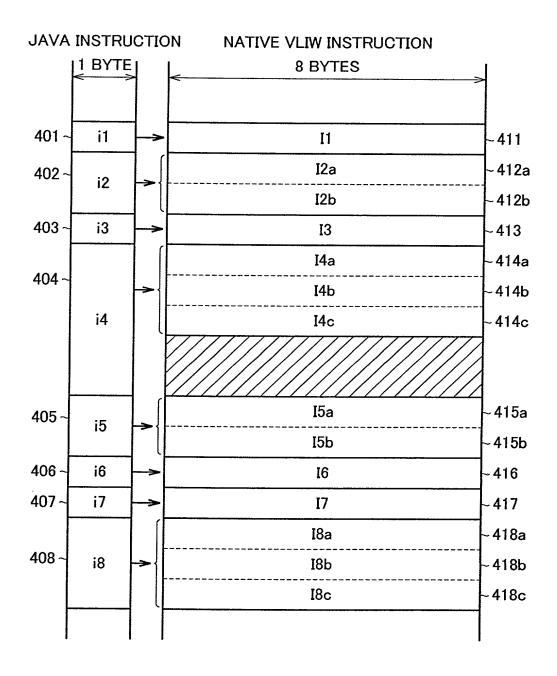


FIG. 15

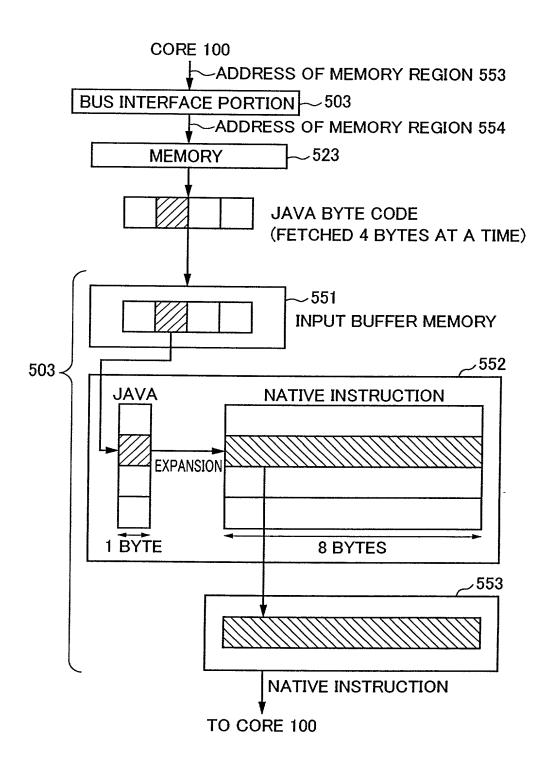


FIG. 16

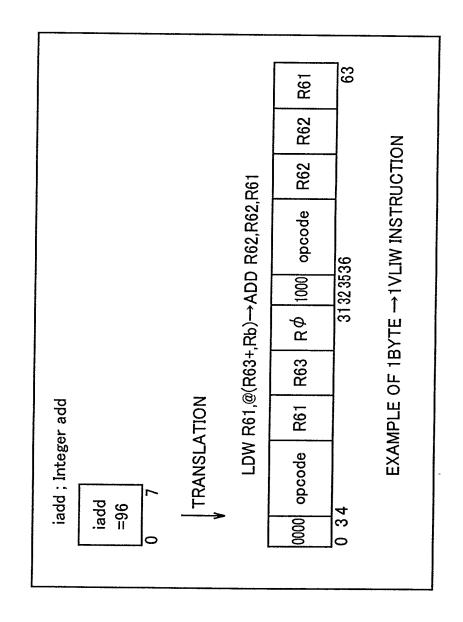


FIG. 17

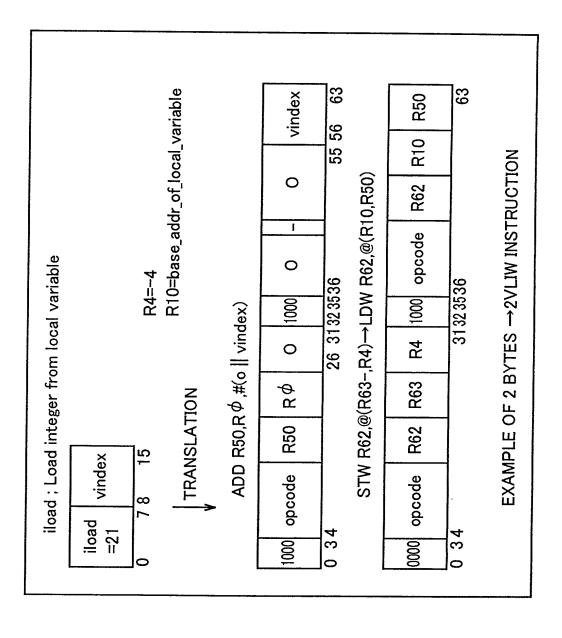


FIG. 18

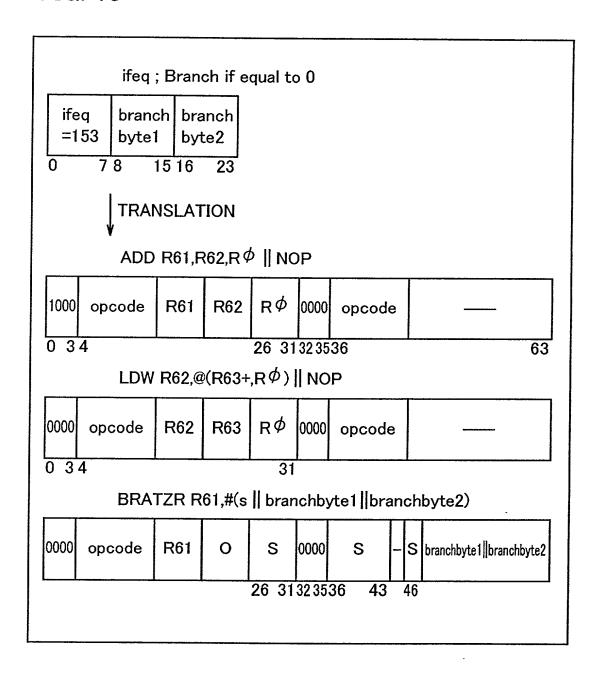


FIG. 19

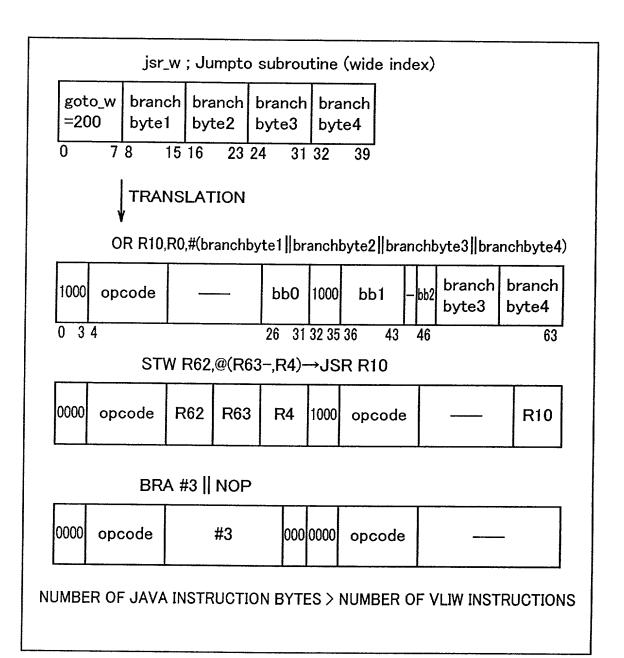


FIG. 20

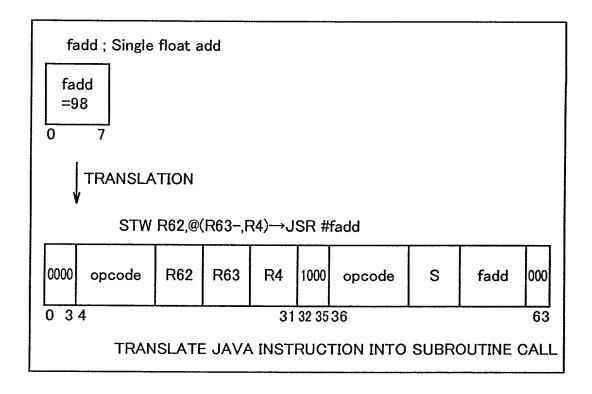


FIG. 21

